

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2019 Levee Inspection Results**

**Reclamation District No. 0827 Elkhorn**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Right	1.34

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/7/2019 - 3/7/2019			
DWR Inspector	Zach Jojola			
Accompanied By	Makar Sokol DWR			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start		Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD0827_01_s_2013_5				
Comment Code					
Inspector Comment					
RD 827 has a copy of the levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	<b>7</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0827_01_s_2013_7				
Comment Code					
Inspector Comment					
RD 827 shares a maintained stockpile of Flood Response Material with RD 785.					

No Photos

LM Start		Rating **	A	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0827_01_f_2014_9				
Comment Code					
Inspector Comment					
RD 827 works jointly with RD 785 on Flood Preparedness and Training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.661210°	38.661210°	
			-121.613030°	-121.613030°	
DWR ID	21163				
Comment Code					
Inspector Comment					
FS_ID:39703 DS_ID:21163 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No pipe was found only what appears to be an abandoned pump house on landward side. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 30-inch steel pipe through the levee, 9.1 feet below the crown. Pump in pump house on landward side not waterward side as mentioned in desk study. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 69.50). FS Date: 3/18/2014					

No Photos

LM Start	<b>0.03</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>0.15</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.674881°	38.673668°	
			-121.630109°	-121.628490°	
DWR ID	DWR_RD0827_01_f_2017_16				
Comment Code					
FE : Fence					
Inspector Comment					
Fence installed by adjacent tourism company. Submitted a FIR to the CVFPB.					

Photo 1 of 1 : SP\_2019\_RD0827\_187\_16\_20190304\_00012.jpg



View of fence on crown. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

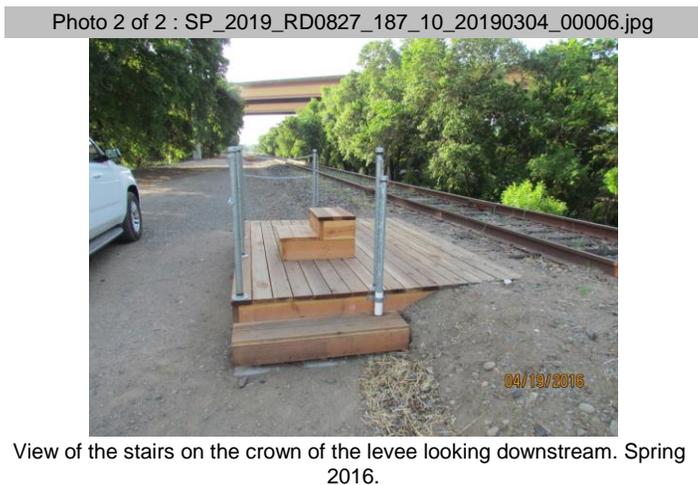
LM Start	<b>0.04</b>	Rating **	A/W	Issue No.	<b>6</b>
LM End	<b>0.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.674833 °	38.674833 °	
			-121.630039 °	-121.630039 °	
DWR ID	DWR_RD0827_01_s_2018_6				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Small rills beginning to form on waterside slope. Recommend monitoring.					



LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.673767 °	38.673767 °	
			-121.628593 °	-121.628593 °	
DWR ID	DWR_RD0827_01_f_2018_10				
Comment Code					
ST : Stairway					
Inspector Comment					
Railroad has put steps on the crown for the tourist train from the West City of Sac water plant. Stairs are not permitted and was placed Spring 2016. The railroad has added a wheelchair access ramp. Subitted a FIR to the CVFPB.					



LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.14</b>	Issue Type +	En	Location *	CR



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>0.24</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.672749°	38.669200°	
			-121.627333°	-121.622851°	
DWR ID	DWR_RD0827_01_s_2016_12				
Comment Code					
MA : Material					
Inspector Comment					
RR rails and ties on the levee crown.					

Photo 1 of 2 : SP\_2019\_RD0827\_187\_12\_20190304\_00007.jpg



View of railroad ties on the crown. Fall 2018.

LM Start	<b>0.24</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP\_2019\_RD0827\_187\_12\_20190304\_00008.jpg



View of the rails on the crown of the levee looking downstream. Spring 2016.

LM Start	<b>0.45</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>0.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.670638°	38.670638°	
			-121.624652°	-121.624652°	
DWR ID	DWR_RD0827_01_s_2018_8				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.669929°	38.669929°	
			-121.623776°	-121.623776°	
DWR ID	DWR_RD0827_01_s_2016_13				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills caused by rain.					

Photo 1 of 2 : SP\_2019\_RD0827\_187\_13\_20190304\_00009.jpg



View of the erosion on the landward side of the levee looking downstream. Spring 2016.

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2019\_RD0827\_187\_13\_20190304\_00010.jpg



View of runoff erosion site. LS slope. Fall 2016.

LM Start	<b>0.61</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>0.92</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.668873°	38.665750°	
			-121.622513°	-121.618523°	
DWR ID	DWR_RD0827_01_s_2012_22				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2019\_RD0827\_187\_22\_20190304\_00013.jpg



Revegetation site spring 2012.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>0.61</b>	Rating **	A/W	Issue No.	<b>22 (cont)</b>
LM End	<b>0.92</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668873 °	38.665750 °
				-121.622513 °	-121.618523 °
DWR ID	DWR_RD0827_01_s_2012_22				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 2 of 2 : SP\_2019\_RD0827\_187\_22\_20190304\_00014.jpg



View of the revegetation site on the waterward side of the levee looking downstream. Fall 2015.

LM Start	<b>0.73</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>0.73</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667731 °	38.667731 °
				-121.620992 °	-121.620992 °
DWR ID	21147				
Comment Code					
Inspector Comment					
FS_ID:38983 DS_ID:21147 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to obtain additional information for this crossing. This crossing does not match original description listed in desk study. Need to coordinate with owner to obtain permit number authorizing modification. FIELD_STRUCT_DESC: 14-inch (not 16-inch as listed in desk study) pipe through the levee, 10.3 feet below the crown. 10-inch bypass pipe on waterside (WS). Siphon breaker on landside (LS) (not WS) shoulder. Pump on platform (not mounted on 48-inch concrete pipe as described in desk study) on WS bank. Metal (not wooden) walkway to the pump. 3/4-inch conduit through levee at unknown depth. [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/18/2014					

Photo 1 of 3 : UCIP\_SP\_2019\_38983\_59737.jpg



Platform for pump located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>0.73</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>0.73</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667731 °	38.667731 °
				-121.620992 °	-121.620992 °
DWR ID	21147				
Comment Code					
Inspector Comment					
FS_ID:38983 DS_ID:21147 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to obtain additional information for this crossing. This crossing does not match original description listed in desk study. Need to coordinate with owner to obtain permit number authorizing modification. FIELD_STRUCT_DESC: 14-inch (not 16-inch as listed in desk study) pipe through the levee, 10.3 feet below the crown. 10-inch bypass pipe on waterside (WS). Siphon breaker on landside (LS) (not WS) shoulder. Pump on platform (not mounted on 48-inch concrete pipe as described in desk study) on WS bank. Metal (not wooden) walkway to the pump. 3/4-inch conduit through levee at unknown depth. [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/18/2014					

Photo 2 of 3 : UCIP\_SP\_2019\_38983\_59736.jpg



Pipe visible on waterward side.

LM Start	<b>0.73</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>0.73</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2019\_38983\_59735.jpg



Slant pump located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.01</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.664920°	38.664720°	
			-121.617557°	-121.617318°	
DWR ID	DWR_RD0827_01_s_2017_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Prunings and fallen tree limbs on waterside levee slope.					

No Photos

LM Start	<b>1.02</b>	Rating **	A/W	Issue No.	<b>18</b>
LM End	<b>1.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.664690°	38.664690°	
			-121.617266°	-121.617266°	
DWR ID	DWR_RD0827_01_f_2018_18				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Minor runoff on the waterside slope. Recommend monitoring.					

No Photos

LM Start	<b>1.09</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>1.09</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.663946°	38.663946°	
			-121.616453°	-121.616453°	
DWR ID	DWR_RD0827_01_s_2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff site through rodent holes.					

Photo 1 of 1 : SP\_2019\_RD0827\_187\_17\_20190311\_00018.jpg



View of erosion on the waterside slope. Spring 2019.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>1.12</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.663572 °	38.663572 °	
			-121.616087 °	-121.616087 °	
DWR ID	DWR_RD0827_01_s_2019_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>1.12</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.663542 °	38.663542 °	
			-121.616056 °	-121.616056 °	
DWR ID	DWR_RD0827_01_f_2016_3				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on the crown and waterside slope from runoff.					

Photo 1 of 3 : SP\_2019\_RD0827\_187\_3\_20190304\_00001.jpg



View of erosion on waterside levee slope. Spring 2017.

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>1.12</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2019\_RD0827\_187\_3\_20190304\_00002.jpg



Another view of erosion on levee slope. A hole on the waterside slope has widened due to runoff. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>1.12</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.663542 °	38.663542 °	
			-121.616056 °	-121.616056 °	
DWR ID	DWR_RD0827_01_f_2016_3				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on the crown and waterside slope from runoff.					

Photo 3 of 3 : SP\_2019\_RD0827\_187\_3\_20190304\_00003.jpg



View of erosion on crown continuing to WS slope. Fall 2016.

LM Start	<b>1.14</b>	Rating **	A/W	Issue No.	<b>14</b>
LM End	<b>1.14</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.663377 °	38.663377 °	
			-121.615895 °	-121.615895 °	
DWR ID	DWR_RD0827_01_s_2017_14				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Minor erosion on waterside slope. Recommend monitoring					

Photo 1 of 1 : SP\_2019\_RD0827\_187\_14\_20190304\_00011.jpg



View of erosion on waterside levee slope. Spring 2017.

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.662546 °	38.662546 °	
			-121.615083 °	-121.615083 °	
DWR ID	DWR_RD0827_01_s_2017_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside levee slope.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.34	03/07/2019 03/07/2019	Zach Jojola

LM Start	<b>1.30</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>1.30</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.661485°	38.661485°	
			-121.614006°	-121.614006°	
DWR ID	DWR_RD0827_01_s_2017_4				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside levee slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2019 Levee Inspection Results**

**Reclamation District No. 0827 Elkhorn**

Waterway		Bank	Unit Miles
Unit No. 02 Yolo Bypass		Left	2.78

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/5/2019 - 3/5/2019			
DWR Inspector	Zach Jojola			
Accompanied By	Alberto De Leon DWR			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>0.15</b>	Rating **	A/W	Issue No.	<b>10</b>
LM End	<b>0.16</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.674778 °	38.674583 °	
			-121.642806 °	-121.642722 °	
DWR ID	DWR_RD0827_02_f_2017_10				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:200					
Site Designation:RD 827-02					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/6/2017					
Notes: no damage visible, ws armored with riprap					

Photo 1 of 3 : LEVAL\_SP\_2019\_200\_1239.jpg



LM Start	<b>0.15</b>	Rating **	A/W	Issue No.	<b>10 (cont)</b>
LM End	<b>0.16</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL\_SP\_2019\_200\_1245.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>0.15</b>	Rating **	A/W	Issue No.	<b>10 (cont)</b>
LM End	<b>0.16</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.674778 °	38.674583 °
				-121.642806 °	-121.642722 °
DWR ID	DWR_RD0827_02_f_2017_10				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:200 Site Designation:RD 827-02 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017 Notes: no damage visible, ws armored with riprap					

Photo 3 of 3 : LEVAL\_SP\_2019\_200\_1246.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.663485 °	38.663485 °	
			-121.637021 °	-121.637021 °	
DWR ID	24844				
Comment Code					
Inspector Comment					
<p>FS_ID:50065                  DS_ID:24844                  EP_NO: 17403                  Repair Type: Non-Urgent                  Crossing Status: Indicator Found                  UCIP Comments: 9/27/2016 Need to coordinate with Greg Lucas (gregory.lucas@crc.com) with California Resources Corporation to determine if line will be brought online. Crossing was downgraded from Urgent to Non-Urgent--new owner has not brought the pipe online. New owner will need to update permit name and if line becomes active markers will be required per Title 23. (DWR UCIP - omagana)9/02/2016 Meet with Jimmy Preston from California Resources Corporation at site. Alignment of crossing was confirmed (new location is approximately 290 feet upstream from previous point)--report has been updated. Pending action -- Name Change (DWR UCIP - omagana)9/01/2016 Email was sent to Greg Lucas from California Resources Corporation with an updated UCIP detailed report and Central Valley Flood Protection Board (CVFPB) name change form. New owner will need to update permit information with the CVFPB to be compliant with Title 23 requirements. (DWR UCIP - omagana)8/31/2016 New owner--California Resources Corporation. Gas line is currently not in use.Meet with Greg Lucas, Assistant Production Coordinator from California Resources Corporation and Steve Stein from Noble Methan, Inc. to clarify current status of crossing and determine crossing alignment. Gas well is part of the gas line appurtenances. Gas line alignment is still pending--California Resources Corporation will send out someone to confirm alignment. Crossing is missing markers, if line becomes active markers will be needed on both the WS and LS to comply with Title 23--encouraged owner to contact CVFPB. (DWR UCIP - omagana)8/30/2016 Coordinating with AA Production Services, Inc. to determine location of where crossing goes through levee. It appears that the gas well located on LS is not part of this crossing. (DWR UCIP - omagana)8/04/2016 Meet with Bill Mattos, representative of RD 827, and he took me to the gas well visible from levee crown. Mr. Mattos was unable to confirm if gas well and pipeline that goes through the levee were connected.3/18/2014 No markers visible on either banks. Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (DWR UCIP - omagana)                  FIELD_STRUCT_DESC: [Hanks 34-2] 2.375-inch steel natural gas pipe through the levee, 30 feet below the crown and under (bored) Tule Canal. Gas well is located on the landside (LS) approximately 994 feet from levee crown. California Resources Corporation acquired AA Production Services, Inc. The new owner of the 2.375-inch gas pipe is California Resources Corporation. (2.375-inch line authorized under Permit No. 17403, 2001 - AA Production Services, Inc.)</p>					



View of WS--Tule Canal.

<p>* Location                  LS : Land Side N/A : Not Applicable                  WS : Water Side                  CR : Crown</p>	<p>** Rating                  A : Acceptable N : Not Inspected/Rated                  M : Minimally Acceptable C : Corrected                  U : Unacceptable A/W : Acceptable but Monitor &amp; Maintain</p>	<p>+ Issue Type                  Ma : Maintenance Deficiency                  Ob : Design &amp; System Obsolescence                  En : Enforcement</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

FS Date: 8/4/2016

LM Start	1.00	Rating **	M	Issue No.	15 (cont)
LM End	1.00	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_50065\_75672.jpg



View of levee crown at crossing--yellow flag markers visible on both WS and LS shoulder.

LM Start	1.00	Rating **	M	Issue No.	15 (cont)
LM End	1.00	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_SP\_2019\_50065\_75671.jpg



View of LS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>1.94</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>1.96</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.652232 °	38.651939 °	
			-121.627264 °	-121.627088 °	
DWR ID	DWR_RD0827_02_s_2019_8				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
100' sloughing section on the landside slope. Exposed scarp is approximately 1' at the worst section. LMA placed visqueen over the issue.					

Photo 1 of 1 : SP\_2019\_RD0827\_188\_8\_20190311\_00026.jpg



View of sloughing on the landside slope. Spring 2019.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.09</b>	Rating **	U	Issue No.	<b>7</b>
LM End	<b>2.14</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.650245 °	38.649602 °	
			-121.626036 °	-121.625646 °	
DWR ID	DWR_RD0827_02_s_2019_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing from 2019 storm damage. LMA placed visqueen over the issue.					

Photo 1 of 1 : SP\_2019\_RD0827\_188\_7\_20190311\_00025.jpg



View of sloughing on the landside slope. Spring 2019.

LM Start	<b>2.62</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>2.62</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.643375 °	38.643375 °	
			-121.621776 °	-121.621776 °	
DWR ID	DWR_RD0827_02_s_2018_6				
Comment Code					
DE : Debris					
Inspector Comment					
Fridge on the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>2.73</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.642139°	38.642028°	
			-121.620750°	-121.620667°	
DWR ID	DWR_RD0827_02_f_2017_13				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:199 Site Designation:RD 827-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017 Notes: landside. Sloughing on the landside slope near pump. Movement has stabilized and the LMA will be constructing a setback levee within the next 3 years. Recommend monitoring.					

Photo 1 of 4 : SP\_2019\_RD0827\_188\_13\_20190311\_00024.jpg



View of sloughing on the landside slope. Spring 2019.

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>2.73</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : LEVAL\_SP\_2019\_199\_1231.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>2.73</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.642139°	38.642028°
				-121.620750°	-121.620667°
DWR ID	DWR_RD0827_02_f_2017_13				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:199 Site Designation:RD 827-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/6/2017 Notes: landside. Sloughing on the landside slope near pump. Movement has stabilized and the LMA will be constructing a setback levee within the next 3 years. Recommend monitoring.					

Photo 3 of 4 : LEVAL\_SP\_2019\_199\_1232.jpg



LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>2.73</b>	Issue Type +	Ma	Location *	

Photo 4 of 4 : LEVAL\_SP\_2019\_199\_1234.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.72</b>	Rating **	A/W	Issue No.	<b>14</b>
LM End	<b>2.72</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.642018°	38.642018°	
			-121.620944°	-121.620944°	
DWR ID	DWR_RD0827_02_s_2017_14				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on the landside slope near pump. Movement has stabilized.					

LM Start	<b>2.72</b>	Rating **	A/W	Issue No.	<b>14 (cont)</b>
LM End	<b>2.72</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP\_2019\_RD0827\_188\_14\_20190304\_00010.jpg



View of sloughing and visqueen on landside levee slope. Spring 2017.

Photo 2 of 2 : SP\_2019\_RD0827\_188\_14\_20190304\_00011.jpg



Additional view of sloughing on landside levee slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.641633 °	38.641633 °	
			-121.620725 °	-121.620725 °	
DWR ID	21169				
Comment Code					
Inspector Comment					
FS_ID:33032 DS_ID:21169 EP_NO: 5611 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. FIELD_STRUCT_DESC: [RD No. 827 Pumping Plant] 22-inch (not 24-inch as mentioned in desk study) steel drainage pipe through the levee, 8 feet below the crown. Corrugated metal cutoff wall around pipe at center of levee. Siphon breaker on waterside (WS) slope. Flap gate on WS end. Pipe is exposed along WS slope. (portion of pipe was removed and replaced, from landside to waterside shoulder, under Permit No. 5611 (1968)). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 122 Part No. 1, August 1955, (Station 3+75)] FS Date: 3/18/2014					

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_33032\_59778.jpg



Pipe exposed on waterward side.

Photo 2 of 3 : UCIP\_SP\_2019\_33032\_59777.jpg



Pump station located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 0827 Elkhorn**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	2.78	03/05/2019 03/05/2019	Zach Jojola

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>2.75</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641633 °	38.641633 °
				-121.620725 °	-121.620725 °
DWR ID	21169				
Comment Code					
Inspector Comment					
FS_ID:33032 DS_ID:21169 EP_NO: 5611 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears to have been removed and replaced under maintenance back in 2008. No permit has been found--need to contact owner to obtain additional information about replacement. FIELD_STRUCT_DESC: [RD No. 827 Pumping Plant] 22-inch (not 24-inch as mentioned in desk study) steel drainage pipe through the levee, 8 feet below the crown. Corrugated metal cutoff wall around pipe at center of levee. Siphon breaker on waterside (WS) slope. Flap gate on WS end. Pipe is exposed along WS slope. (portion of pipe was removed and replaced, from landside to waterside shoulder, under Permit No. 5611 (1968)). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 122 Part No. 1, August 1955, (Station 3+75)] FS Date: 3/18/2014					

Photo 3 of 3 : UCIP\_SP\_2019\_33032\_59776.jpg



Reminise piles located on landward side.

LM Start	<b>2.75</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>2.75</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.641613 °	38.641613 °
				-121.620718 °	-121.620718 °
DWR ID	DWR_RD0827_02_s_2019_5				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Vehicle ruts on the crown.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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